

**AWS** American Weigh Scales, Inc.

# TL-Series

*Digital Hanging Scale*



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**TL-330**  
**TL-440**

*User Manual*

## TL-Series Manual

Thank you for purchasing the American Weigh TL-Series digital hanging scale. Please read all operating instructions carefully before use. This electronic scale is a precision instrument. With normal care and proper treatment, it will provide years of reliable service.

Never load the scale with more than the maximum capacity. Overloading will permanently damage it! Avoid any exposure to extreme heat or cold. Your scale works better when operated at normal room temperature. Always allow the scale to acclimate to normal room temperature for at least one hour before use.

Give your scale sufficient warm up time. Usually 30-60 seconds before calibration to give the internal components a chance to stabilize.

Keep your scale in a clean environment. Dust, dirt, moisture, vibration, air currents and a close distance to other electronic equipment can all cause an adverse effect on the reliability and accuracy of your scale.

Handle with care. Gently apply all items to be weighed onto the safety hook. Although this scale is designed to be quite durable, try to avoid rough treatment as this may permanently damage the internal sensor.

Avoid shaking, dropping or otherwise shocking the scale. This is a precision instrument and must be handled with extreme care.

**Only operate the scale on a stable, vibration free surface.**

## **I. OPERATION**

Place Scale on a horizontal flat surface.

1. Press the [ ON/OFF/TARE ] key.
2. Wait until "0.0" is displayed.
3. Place the object to be weighed on the hook.
4. Using the [UNIT] key, you can switch between weighing units.

## **II. TARE WEIGHING**

1. Turn on scale as described above.
2. Place a container such as a bucket on the hook.
3. Press [ON/OFF/TARE] once and wait until "0.0" is displayed.
4. You may now add items to the container to obtain only the weight of the contents.

## **III. CALIBRATION**

This scale has been calibrated at the factory prior to shipment. Do not attempt calibration unless you are having trouble obtaining accurate weight results.

Use caution when calibrating. This scale requires a substantial amount of weight to calibrate properly. Only use certified weights.

1. Turn OFF the scale.
2. Press and hold the [UNIT] & [ON/OFF/TARE] keys at the same time, until a random number displays. You can now release both keys.
3. Press the [ON/OFF/TARE] key once. The display will show the required weight in KG or LB (depending on the mode used last).
4. Place the required weight onto the scale and press the [ON/OFF/TARE] key once more. The display will show "PASS" and return to normal weighing. Calibration is complete!

## V. TROUBLESHOOTING

The primary reasons for inaccuracy or malfunction are low batteries, incorrect calibration, overload or operating on an unstable surface. Please keep this in mind and maintain and operate your scale properly. This scale is a precise instrument and must be handled with the utmost care and caution.

**[Display]** Elimination of errors

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- [  ]** Change the batteries.
- [OUT2]** Recalibrate the scale as shown above.
- [O\_Ld]** You are overloading the scale. Remove the excessive load immediately!

## VI. Precautions:

1. Always weigh using the scale in an upright position.
2. Do not clean with harsh chemicals. Use clean water and light detergent only.
3. When storing your scale for extended periods of time, be sure to remove the batteries to prevent leakage.

Model	TL-330	TL-440
Capacity	330 lb 150 kg	440 lb 200 kg
Resolution	0.2 lb 0.1 kg	0.5 lb 0.5 kg
Weighing Units	lb, kg	
Scale Dimensions (inches)	13.0 x 2.8 x 1.3 " (with attachments) 6.0 x 2.8 x 1.3 " (without attachments)	
Power	2 x CR2032 Battery (included)	
Warranty	10 Year Warranty	